

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1. (Currently amended): An inkjet print head (1) comprising:

at least one nozzle chamber (2), having a nozzle aperture (3) defined in one wall thereof for the ejection of printing fluid out of said aperture (3) and

a printing fluid supply channel interconnected with said nozzle chamber (2); and

~~characterized in that it further comprises~~ a printing fluid droplet tail release guide arrangement (4) having disposed on a predetermined position ~~at~~ of an edge of a circumference of said aperture (3).
2. (Currently amended): The inkjet print head (1) of claim 1, ~~characterized in that~~ wherein said printing fluid droplet tail release guide arrangement (4) comprises a pointed burr like element the point of which is directed inwards of said aperture.
3. (Currently amended): The inkjet print head (1) of claim 1, ~~characterized in that~~ wherein said printing fluid droplet tail release guide arrangement (4) comprises a bar of essentially triangular cross-section a base of which rests on an inner surface of said nozzle chamber (2) and a pointed edge of which protrudes towards the center of said aperture (3) said bar further extending along said inner surface inwards of said nozzle chamber (2).
4. (Currently amended): The inkjet print head (1) of claim 1, ~~characterized in that~~ wherein said printing fluid droplet tail release guide arrangement (4) comprises a pointed structure

of essentially pyramidal shape a base of which rests on an inner surface wall of said nozzle chamber (2) and a pointed tip of which protrudes towards the center of said aperture (3).

5. (Currently amended): The inkjet print head (1) of claim 1, ~~characterized in that~~ wherein said printing fluid droplet tail release guide arrangement (4) comprises a pointed burr like element the point of which is directed outwards of said aperture (3).

6. (Currently amended): The inkjet print head (1) of claim 1, ~~characterized in that~~ wherein said printing fluid droplet tail release guide arrangement (4) comprises an essentially saw tooth shaped section arranged at a portion of said edge of said circumference of said aperture (3).

7. (Currently amended): The inkjet print head (1) of claim 1, ~~characterized in that~~ wherein said printing fluid droplet tail release guide arrangement (4) comprises a recessed section of essentially triangular shape in an inner surface wall of said nozzle chamber (2) a base of which rests in the plane of said aperture (3) and a point of which is directed inwards of said nozzle chamber (2).

8. (Currently amended): The inkjet print head (1) of claim 1, ~~characterized in that~~ wherein said printing fluid droplet tail release guide arrangement (4) comprises a recessed section of essentially triangular pyramidal shape in an inner surface wall of said nozzle chamber (2) a base of which rests in the plane of said aperture (3) and a point of which is directed inwards of said nozzle chamber (2).

9. (Currently amended): The inkjet print head (1) of claim 1, ~~characterized in that~~ wherein said printing fluid droplet tail release guide arrangement (4) comprises a recessed section of essentially hemispherical shape in an inner surface wall of said nozzle chamber (2) a chord of which rests in the plane of said aperture (3) and an arc of which extend inwards of said nozzle chamber (2).

10. (Currently amended): The inkjet print head (1) of claim 1, ~~characterized in that~~
~~wherein~~ said printing fluid droplet tail release guide arrangement (4) comprises a recessed section
of essentially rectangular shape extending from said aperture (3) inwards along an inner surface
wall of said nozzle chamber (2).

11. (Currently amended): A print cartridge for an inkjet printing device ~~comprises~~
comprising:

a print cartridge body;

a fluid reservoir; and ~~is characterized in that it further comprises~~

an inkjet print head (1) according to claim 1.

12. (Currently amended): An inkjet printing device, ~~characterized in that it comprises~~
comprising an inkjet print head (1) according to claim 1.

13. (Currently amended): A method for increasing droplet placement accuracy in an
inkjet print head (1) having at least one nozzle chamber (2) with a nozzle aperture (3) defined in
one wall thereof for the ejection of printing fluid out of said aperture (3), ~~characterized in that it~~
~~comprises~~ comprising the step of providing a printing fluid droplet tail release guide
(4) ~~at~~ disposed on a predetermined position ~~at~~ of an edge of a circumference of said aperture (3).

14. (Currently amended): The method of claim 13, ~~characterized in that it further~~
~~comprises~~ comprising the step of providing as said printing fluid droplet tail release guide
arrangement (4) a pointed burr-like ~~burr-like~~ element such that the point thereof is directed inwards
of said nozzle aperture (3).

15. (Currently amended): The method of claim 13, ~~characterized in that it further~~
~~comprises~~ comprising the step of providing as said printing fluid droplet tail release guide
arrangement (4) a bar of essentially triangular cross-section such that a base thereof will rest on an

inner surface of said nozzle chamber (2) and such that a pointed edge thereof protrudes towards the center of said aperture (3) and directing said bar such that it extends along said inner surface inwards of said nozzle chamber (2).

16. (Currently amended): The method of claim 13, ~~characterized in that it further comprises~~ comprising the step of providing as said printing fluid droplet tail release guide arrangement (4) a pointed structure of essentially pyramidal shape such that a base thereof rests on an inner surface wall of said nozzle chamber (2) and such that a pointed tip thereof protrudes towards the center of said aperture (3).

17. (Currently amended): The method of claim 13, ~~characterized in that it further comprises~~ comprising the step of providing as said printing fluid droplet tail release guide arrangement (4) a pointed burr like element such that a point thereof is will be directed outwards of said aperture (3).

18. (Currently amended): The method of claim 13, ~~characterized in that it further comprises~~ comprising the step of providing as said printing fluid droplet tail release guide arrangement (4) an essentially saw tooth shaped section at a portion of said edge of said circumference of said aperture (3).

19. (Currently amended): The method of claim 13, ~~characterized in that it further comprises~~ comprising the step of providing as said printing fluid droplet tail release guide arrangement (4) a recessed section of essentially triangular shape in an inner surface wall of said nozzle chamber (2) such that a base thereof rests in the plane of said aperture (3) and a point thereof is directed inwards of said nozzle chamber (2).

20. (Currently amended): The method of claim 13, ~~characterized in that it further comprises~~ comprising the step of providing as said printing fluid droplet tail release guide arrangement (4) a recessed section of essentially triangular pyramidal shape in an inner surface

wall of said nozzle chamber (2) such that a base thereof rests in the plane of said aperture (3) and a point thereof is directed inwards of said nozzle chamber (2).

21. (Currently amended): The method of claim 13, ~~characterized in that it further comprises~~ comprising ~~the step of~~ providing as said printing fluid droplet tail release guide arrangement (4) a recessed section of essentially hemispherical shape in an inner surface wall of said nozzle chamber (2) such that a chord thereof rests in the plane of said aperture (3) and an arc thereof extend inwards of said nozzle chamber (2).

22. (Currently amended): The method of claim 13, ~~characterized in that it further comprises~~ comprising ~~the step of~~ providing as said printing fluid droplet tail release guide arrangement (4) a recessed section of essentially rectangular shape such that it extends from said aperture (3) inwards along an inner surface wall of said nozzle chamber (2).